

Abstract of the Disclosure

In the method for managing a variable bit rate so as to provide a streaming service and in the record medium capable of being read through a computer having a record of a program to realize the inventive method, a frame rate controlling system through a removal of a frame and a fidelity controlling system are used to change a bit rate of multimedia video data and thereby provide a multimedia streaming service based on the various bit rates according to a bandwidth change of a communication network, the fidelity controlling system being gotten by differently providing selection ranges for discrete cosine transform (DCT) coefficients in a unit of a block within a frame. This inventive method comprises a first step of decomposing an original video bit stream stored already, into a file type capable of supporting the variable bit rate, and then storing it; a second step of merging data based on the decomposed type by considering a traffic state of a communication network; and a third step of providing the streaming service by using the video bit stream merged, whereby effectuating in a use of an information communication system etc.